

NH Public Utilities Commission

NHPUC JUN18/16 PM12:05

REC Aggregator Portal

New Users [CLICK HERE](#) to setup your account for this form. Creating an account enables you to partially complete the form and return later to finish it or to make changes after the form is submitted. Be sure to create your account **BEFORE** entering information into the form, or the information will be lost.

Existing Users [CLICK HERE](#)

Basic Information

Who is submitting this request?

Aggregator

Aggregator Batch Number

NHEC035

Are you registered in NH

- ☒ Yes
☐ No

Aggregator name

NHEC

NH Reg #

DE 09-006

Aggregator Email

mcneils@nhec.com

Other Aggregator name

Other aggregator email address

Facility Name

Facility Owner Name

Paul Melnick

Facility Owner email

mcneils@nhec.com

Owner Phone

603-968-3121

Facility Address

182 Hawkins Pond Rd

Facility Town/City

Center Harbor

Facility State

NH

Facility Zip

03226

Is the facility address the same as the owner's mailing address

- ☒ Yes
☐ No

Mailing Address

Mailing Town/City

Mailing State

Mailing Zip

Primary Contact

Primary Contact

Scott McNeil

Facility Primary Contact

Other Email Address

Facility Information

Class

Utility

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

Date of Initial Operation

Facility Operator Name, if applicable

Panel Make #1

Panel Model

Panel Quantity

Panel Rated Output

Other panel make

Other panel model

More Panel types?

- ☒ No
☐ Yes

Panel Make #2

Panel Model

Panel Quantity

Panel Rated Output

More Panel types?

- ☒ No
☐ Yes

Panel Make #3

Panel Model

Panel Quantity

Panel Rated Output

System capacity based on panels

Inverter Make

Other inverter make

Inverter Quantity

1

Add'l Inverter Quantity

NA

Additional Inverter Make

None

Rated Output - Primary Inverter

6800

Rated Output - Additional Inverter

System capacity based on single inverter make

6800

System capacity based on two inverter types

System capacity in kW as stated on the interconnection agreement

6.8

Revenue Grade Meter Make

Revenue Grade GIS Approved Meter

ELSTER

Other revenue-grade GIS-approved meter

Was this facility installed directly by the customer (no electrician involved)?

- ☐ Yes
☒ No

Electrician Name & Number

Larry Mauchly10931

Other Electrician Name & Number

Installation Company

TG Design

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Equipment Vendor Company Name

Independent Monitor Name & Company

Scott McNeil - NHEC

Other Monitor Name and Company

Is the installer also the equipment supplier?

- ☒ Yes
☐ No

Equipment Vendor

Please attach your completed interconnection agreement including Exhibit B.

https://fs30.formsite.com/jan1947/files/f-5-99-6990166_jPYL7dos_Melnick_Exhibits_BC.pdf

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter (meeting ANSI C-12.1-2008 for installations up to and including 10 kW, or ANSI C12.16 or better for installations greater than 10kW up to 1 mW) is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here


https://fs30.formsite.com/jan1947/files/f-5-168-6990166_5fA8QPE8_Melnick_Exhibit_D.pdf

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-173-6990166_ie10EjiX_Melnick_Exhibit_E.pdf

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.



Print Name

Scott C McNeil

Date Signed

06/13/2016

EXHIBIT B

Paul Melnick
182 Hawkins Pond Road
Center Harbor, NH 03226

Equipment: 28 Solarworld 285W solar panels
1 Context XW6848 inverter

REC meters: 1 Elster Type R2S hour meter
700359 serial# 19173545 start read 000000

1 Elster Type R2S hour meter
700360 serial# 19173546 start read 000000

EXHIBIT C

PAGE 1

NEW HAMPSHIRE ELECTRIC CO-OP "ABOVE THE CAP"

INTERCONNECTION APPLICATION - RENEWABLE GENERATION UP TO 1000 KW

PURSUANT TO NEW HAMPSHIRE ELECTRIC COOPERATIVE TERMS & CONDITIONS, SECTION X-
NET METERING, APPLICANT HEREBY GIVES NOTICE OF INTENT TO INSTALL AND OPERATE A
GENERATING FACILITY.

Applicant Information

Name: Paul Melnick
Mailing Address: 182 Hawkins Pond Road
City: Center Harbor State: NH Zip Code: 03226
Facility Location (if different from above): _____
Daytime Phone Number: 603-968-3121
Distribution Utility: NHEC Account Number: _____
If applicable, your Competitive Electricity Supplier (ES): _____

Generating Facility Information

Generator Type (check one): ☒ Solar ☐ Wind ☐ Hydro
Generator Manufacturer (i.e. solar panel or wind generator). Include Model Number & Quantity:
SolarWorld SW285 X 28
Number of Phases of Generation Unit: ☒ Single Phase ☐ Three Phase ☐ Other
Generation output rating in AC Kilowatts: 6.8 DC Kilowatts: 7.98
Inverter Manufacturer, Model Number & Quantity: Context XW6848
Battery backup? ☒ Yes ☐ No
Will a generator Disconnect Switch accessible to the utility be installed? ☒ Yes ☐ No
Proposed location of Disconnect Switch, if applicable: at pole mount

Installation Information

Installer: TG Carpentry & Solar ☐ Check if owner-installed
Installation Date: May 2016 Installing Electrician: Larry Mauchly State of NH License #: 10931M
Mailing Address: 6 Smith St, Plymouth, NH Phone Number: 603-536-4109

Utility signature to signify only receipt of this form, in compliance with the NHEC's Terms & Conditions.

Signed (NHEC): _____
Print Name: _____ Date: _____

PAGE 2

Installation Information (continued)

Signed (Vendor/Supplier): [Signature]
Name (Printed): Tim Gotwols Date: 5-16-16
Company: TG Design Carpentry and Solar
Company Address: 69 Prospect Ridge Road Holderness, NH 03245

Certification

The system hardware is listed to Underwriters Laboratories standards to be in compliance with UL1741 and IEEE 929-2000:

The system has been installed in compliance with local Building/Electrical Code of City/County: Center town/Belnap

Town Inspector Signature (or installing electrician if town has no inspector):

[Signature]
Print Name: Kenneth Belnap Date: 5/24/16

In accordance with NHEC requirements, the mandatory labeling has been affixed to the meter enclosures. Labeling must be formatted with a red background and white lettering with similar language as below:

Net Meter label

**PRIMARY NET METER
WARNING
DUAL POWER SOURCE
SECOND SOURCE FROM SOLAR PV**

Solar Generation (REC) Meter label

SOLAR GENERATION METER

The initial start-up test required by Section X.2.7 has been successfully completed by the electrician.

Installing Electrician (signature): [Signature]

Test Completed on (Date): 5-16-16 Print name: John L. Mauchly

Utility Inspection and Interconnection by (signature): [Signature]

Print Name: Scott McNeil Date: 5.27.16

Applicant agrees to install and operate the system in accordance with NHEC's Terms & Conditions.

I hereby certify that, to the best of my knowledge, all of the information provided in this Application is true and correct.

Signature of Applicant: [Signature] Date: 5/24/16

THE ELIGIBLE MEMBER-GENERATOR SHALL PROVIDE NEW HAMPSHIRE ELECTRIC CO-OP WITH A WRITTEN UPDATE OF THE INFORMATION ON THIS FORM AS ANY CHANGES OCCUR.

EXHIBIT D

RENEWABLE ENERGY CERTIFICATE MEMBER AGREEMENT

THIS AGREEMENT is hereby entered into this 27 day of May, 2016 ("Effective Date") between New Hampshire Electric Cooperative, Inc. (herein "NHEC"), having principal offices at 579 Tenney Mountain Highway, Plymouth, NH 03264 and its member, Paul Melrose with account number (in "Member") (collectively herein the "Parties").

Whereas, Member has installed, or is in the process of installing, solar photovoltaic, wind or other renewable electric generation equipment at its service location as a member of NHEC ("Customer Sited Renewable Resource") as described in Appendix A.

Whereas, NHEC desires to facilitate its member's renewable generation activities and desires to obtain RECs and encourage renewable generation in a manner most beneficial to all its members. NHEC has received New Hampshire Public Utilities Commission ("NHPUC") approval as an Independent Monitor as that term is defined by the NHPUC rule 2500.

Now, therefore, in accordance with the foregoing and in consideration of the mutual promises and agreements set forth herein, NHEC and Member agree to the following provisions.

1. Metering

Member will install or cause to be installed a meter socket at an external, reasonably accessible location electrically connected in such a way as to measure the electrical energy produced by the Customer Sited Renewable Source.

NHEC will install, maintain and read revenue-quality meters which meet the regulatory requirements to record the generation of the Customer Sited Renewable Source.

2. Member Options

Member agrees to the following option (as indicated by marking an "X" at one option below):

- A. NHEC will charge, and Member will pay, a monthly "Monitoring Fee" (Please refer to NHEC's current schedule of Fee's, Charges & Rates for the current monitoring fee) as applicable at the time of billing. This fee will be charged as part of Member's normal billing from NHEC. This fee is subject to change by the NHEC Board of Directors. The applicable fee can be found in NHEC Schedule of Fees and Charges. NHEC will provide the Member with an annual report of the generation of the Customer Sited Renewable Source. Under this option, no application or reporting will be made to the NHPUC; therefore, no Renewable Energy Certificates are created. The collection of data and reporting is for informational purposes only.
- B. NHEC, with cooperation and assistance from Member, will complete and file an application with the NHPUC to request certification of the Customer Sited Renewable Source for production of RECs. Once approved by the NHPUC and in accordance with the law, rules and regulations, at least annually NHEC will report the generation of the Customer Sited Renewable Source to the NHPUC, the New England Power Pool Generation Information System ("GIS") and the Member. NHEC will retain ownership of the RECs reported. NHEC will not charge Member the Monitoring Fee. Member agrees to forfeit rights to market or advertise the Customer Sited Renewable Resource's host facility as being powered by a renewable, alternative, clean or

environmentally friendly source, in accordance with applicable laws regarding REC ownership and retirement. Member warrants that it has not sold the RECs to any other entity.

☒ C. NHEC will charge, and Member will pay, a monthly "Monitoring Fee" (Please refer to NHEC's current *schedule of Fee's, Charges & Rates* for the current monitoring fee) as applicable at the time of billing. This fee will be charged as part of Member's normal billing from NHEC. This fee is subject to change by the NHEC Board of Directors. NHEC, with cooperation and assistance from Member, will complete and file an application with the NHPUC to request certification of the Customer Sited Renewable Source for production of RECs. Once approved by the NHPUC and in accordance with the law, rules and regulations, at least annually NHEC will report the generation of the Customer Sited Renewable Source to the NHPUC, the New England Power Pool Generation Information System ("GIS") and the Member. NHEC will retain ownership of the RECs reported. Member agrees to forfeit rights to market or advertise the Customer Sited Renewable Resource's host facility as being powered by a renewable, alternative, clean or environmentally friendly source, in accordance with applicable laws regarding REC ownership and retirement. Member warrants that it has not sold the RECs to any other entity. Annually after the annual report to the NHPUC has been completed, NHEC will pay to Member, or credit Member's electric service account, the Applicable REC Payment Price (see Article 5 for definition) for each REC produced (measured in whole megawatt-hours of generation only, in accordance with NEPOOL GIS rules).

☐ D. NHEC will charge, and Member will pay, a monthly "Monitoring Fee" (Please refer to NHEC's current *schedule of Fee's, Charges & Rates* for the current monitoring fee) as applicable at the time of billing. This fee will be charged as part of Member's normal billing from NHEC. This fee is subject to change by the NHEC Board of Directors. It is Member's responsibility to complete and file the application with the NHPUC to request certification of the Customer Sited Renewable Source for production of RECs. NHEC will provide information in its possession to assist Member with application, if needed. Member will provide NHEC with a copy of the NHPUC's communication regarding certification of the Customer Sited Renewable Source. NHEC shall be under no obligation to provide data or reports until such NHPUC communication has been received to assure compliance with applicable laws, rules and regulations. If Member is selling or otherwise transferring ownership of the RECs to another entity, Member shall notify NHEC regarding that entity's identity, quantity, term and any other information reasonably requested by NHEC in order for NHEC to transfer Member's RECs to the other entity utilizing the NEPOOL GIS in accordance the applicable laws, rules and regulations. NHEC will act only in accordance with information provided in writing by Member. Member must notify NHEC regarding the entity or any changes thereof at least 45 days before transfer is to be made. The accuracy and timeliness of all such information (which may affect the accuracy and timeliness of transfers which are made in the NEPOOL GIS and may affect the value, if any, of such transactions) shall be solely the Member's responsibility.

3. Term

The Term of this Agreement shall begin on the Effective Date and continue perpetually until either Party provides the other Party with 90 days written notice to terminate this Agreement, or until Member terminates his electric service account with NHEC for service at the location of the Customer Sited Renewable Source.

4. Additional Member Responsibilities

Member shall notify NHEC of its intent to change its option as determined in Article 2. Member and NHEC shall execute a replacement Agreement when such a change is made.

Member shall notify NHEC of any intention to transfer ownership of the service location (for example, if the Member advertises or otherwise lists the property for sale).

Member shall notify NHEC of any changes to equipment relative to the Customer Sited Renewable Source including, but not limited to, increase in capacity, removal or major renovation.

5. Applicable REC Payment Price

Annually, NHEC will determine prices it is willing to pay for RECs in accordance with this Agreement. This "Applicable REC Payment Price" will be based, in part, on the type of generation (solar, wind) and, therefore, on Class of REC it is certified as by the NHPUC. The Applicable REC Payment Price shall be valid for a given calendar year only.

IN WITNESS WHEREOF, and intending to be legally bound, the Parties have executed this Agreement by their undersigned duly authorized representatives as of the Effective Date hereof.

Member

New Hampshire Electric Cooperative, Inc.

Signature: Paul Melnick

Name: Paul Melnick

Title: Homeowner

Signature: [Signature]

Name: Scott McNea 6-1-16

Title: Albany Administrator

EXHIBIT E

NHEC Approves of the Customer Sited Source Listed Below

Owner Name: Paul Melnick

Project Address: 182 Hawkins Pond Rd, Center Harbor, NH 03226

Type of Project: Solar PV

Date REC meter set: 5/27/2016

NHEC Representative: Scott C. McNeil

NHEC Representative : 

Date: 6-9-16